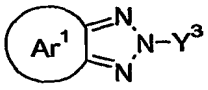
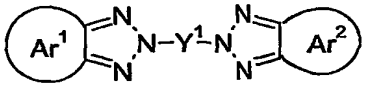
Claims

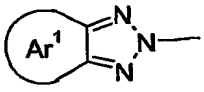
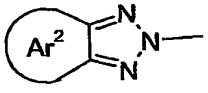
1. A 2H-benzotriazole compound of the formula

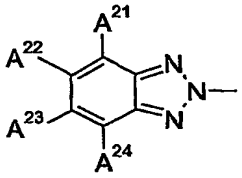

(I),


(II),

Y^1 is a divalent linking group, and

Y^3 is C_1-C_{25}alkyl, especially C_1-C_4alkyl, aryl or heteroaryl, which can optionally be substituted, especially C_6-C_{30}aryl, or C_2-C_{26}heteroaryl, which can optionally be substituted,

 and  are independently of each other a group of formula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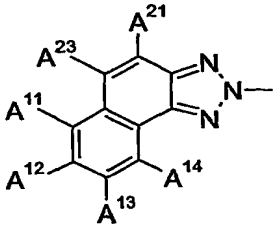
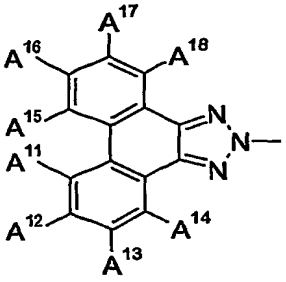
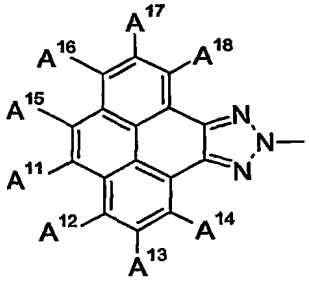
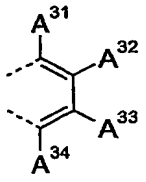
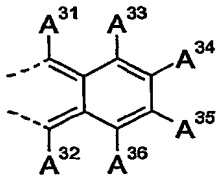
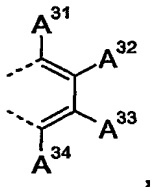
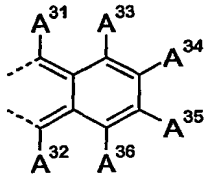
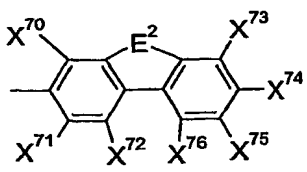
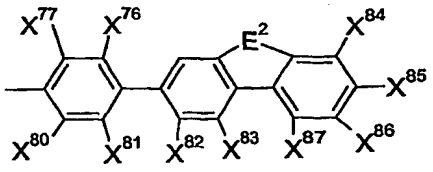
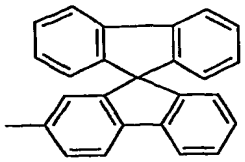
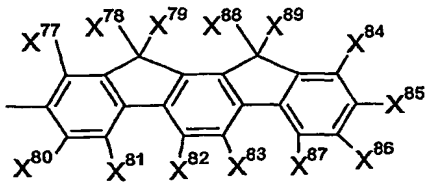
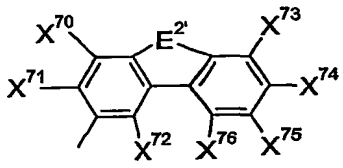
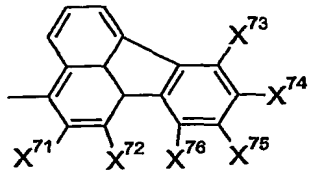

,

, or


, wherein

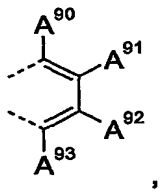
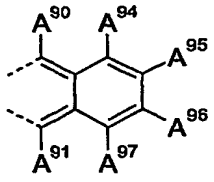
A^{21}, A^{22}, A^{23}, A^{24}, A^{11}, A^{12}, A^{13}, A^{14}, A^{15}, A^{16}, A^{17} and A^{18} are independently of each other H, halogen, especially fluorine, hydroxy, C_1-C_{24}alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl which is substituted by G and/or interrupted by S-, -O-, or $-NR^{25}$-, $-NR^{25}R^{26}$, C_1-C_{24}alkylthio, $-PR^{32}R^{32}$, C_5-C_{12}cycloalkoxy, C_5-C_{12}cycloalkoxy which is substituted by G, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-

C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl; C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, fluorine, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl; C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by D, C_7-C_{25}aralkyl, C_7-C_{25}aralkyl, which is substituted by G, C_7-C_{25}aralkoxy, C_7-C_{25}aralkoxy which is substituted by G, or -CO-R^{28}, or

A^{22} and A^{23} or A^{11} and A^{23} are a group  , or  , or two groups A^{11}, A^{12}, A^{13}, A^{14}, A^{15}, A^{16}, A^{17} and A^{18}, which are neighbouring to each other, are a group  , or  , wherein A^{31}, A^{32}, A^{33}, A^{34}, A^{35} and A^{36} are independently of each other H, halogen, hydroxy, C_1-C_{24}alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl which is substituted by G and/or interrupted by S-, -O-, or -NR^{25}-, C_5-C_{12}cycloalkoxy, C_5-C_{12}cycloalkoxy which is substituted by G, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by D, C_7-C_{25}aralkyl, C_7-C_{25}aralkyl, which is substituted by G, C_7-C_{25}aralkoxy, C_7-C_{25}aralkoxy which is substituted by G, or -CO-R^{28}, wherein preferably at least one of the substituents A^{21}, A^{22}, A^{23}, A^{24}, A^{11}, A^{12}, A^{13}, A^{14}, A^{15}, A^{16}, A^{17} and A^{18} is C_6-C_{24}aryl which is substituted by fluorine, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl; or C_2-C_{26}heteroaryl, especially thiophenyl, pyrrolyl, furanyl, benzoxazolyl, or benzothiazolyl, which is substituted by fluorine, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl, or a group of formula

wherein X^{70}, X^{71}, X^{72}, X^{73}, X^{74}, X^{75}, X^{76}, X^{77}, X^{80}, X^{81}, X^{82}, X^{83}, X^{84}, X^{85}, X^{86}, and X^{87} are independently of each other E and/or interrupted by D, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl which is substituted by G and/or interrupted by S-, -O-, or $-NR^{25}$-, $-NR^{25}R^{26}$, C_1-C_{24}alkylthio, $-PR^{32}R^{32}$, C_5-C_{12}cycloalkoxy, C_5-C_{12}cycloalkoxy which is substituted by G, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl; C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, fluorine, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl; C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by D, C_7-C_{25}aralkyl, C_7-C_{25}aralkyl, which is substituted by G, C_7-C_{25}aralkoxy, C_7-C_{25}aralkoxy which is substituted by G, or $-CO-R^{28}$, or

two groups X^{70}, X^{71}, X^{72}, X^{73}, X^{74}, X^{75}, X^{76}, X^{77}, X^{80}, X^{81}, X^{82}, X^{83}, X^{84}, X^{85}, X^{86}, and X^{87}, which are neighbouring to each other, are a group  , or  ,

wherein A^{90}, A^{91}, A^{92}, A^{93}, A^{94}, A^{95}, A^{96} and A^{97} are independently of each other H, halogen, especially fluorine, hydroxy, C_1-C_{24}alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl which is substituted by G and/or interrupted by S-, -O-, or $-NR^{25}$-, C_5-C_{12}cycloalkoxy, C_5-C_{12}cycloalkoxy which is substituted by G, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by D, C_7-C_{25}aralkyl, C_7-

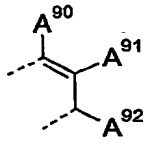
C_{25}aralkyl, which is substituted by G, C_7-C_{25}aralkoxy, C_7-C_{25}aralkoxy which is substituted by G, or -CO-R^{28},

E^2 is -CR^{23}=CR^{24}-, especially –$CX^{68}X^{69}$-,

$E^{2'}$ is -$SiR^{30}R^{31}$-; -POR^{32}-; especially -S-, -O-, or -$NR^{25'}$-, wherein $R^{25'}$ is C_1-C_{24}alkyl, or C_6-C_{10}aryl,

X^{68}, X^{69}, X^{78}, X^{79}, X^{88} and X^{89} are independently of each other C_1-C_{18} alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl, or

X^{78} and X^{79}, and/or X^{88} and X^{89} form a ring, especially a five- or six-membered ring, or

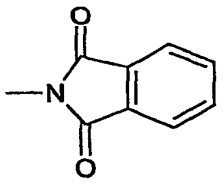
X^{68} and X^{70}, X^{69} and X^{73}, X^{77} and X^{78} and/or X^{84} and X^{89} are a group  ,

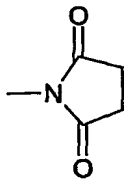
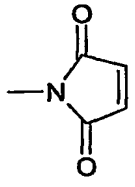
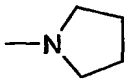
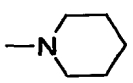
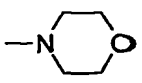
D is -CO-; -COO-; -S-; -SO-; -SO_2-; -O-; -NR^{25}-; -$SiR^{30}R^{31}$-; -POR^{32}-; -CR^{23}=CR^{24}-; or -C≡C-; and

E is -OR^{29}; -SR^{29}; -$NR^{25}R^{26}$; -COR^{28}; -$COOR^{27}$; -$CONR^{25}R^{26}$; -CN; -$OCOOR^{27}$; or halogen;

G is E, or C_1-C_{24}alkyl, wherein

R^{23}, R^{24}, R^{25} and R^{26} are independently of each other H; C_6-C_{18}aryl; C_6-C_{18}aryl which is substituted by C_1-C_{24}alkyl, or C_1-C_{24}alkoxy; C_1-C_{24}alkyl; or C_1-C_{24}alkyl which is interrupted by –O-; or

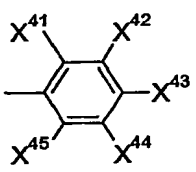
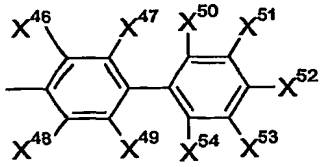
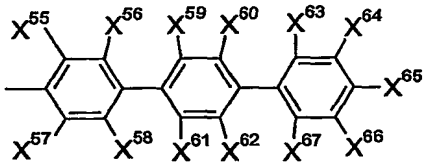
R^{25} and R^{26} together form a five or six membered ring, in particular  ,

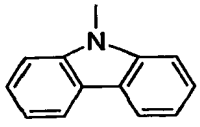
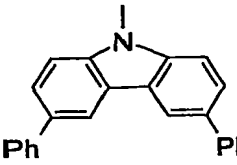
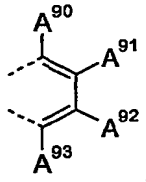
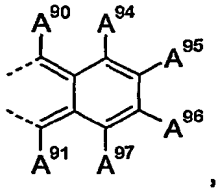
 ,  ,  ,  , or  ,

R^{27} and R^{28} are independently of each other H; C_6-C_{18}aryl; C_6-C_{18}aryl which is substituted by C_1-C_{24}alkyl, or C_1-C_{24}alkoxy; C_1-C_{24}alkyl; or C_1-C_{24}alkyl which is interrupted by –O-,

R^{29} is H; C_6-C_{18}aryl; C_6-C_{18}aryl, which is substituted by C_1-C_{24}alkyl, or C_1-C_{24}alkoxy; C_1-C_{24}alkyl; or C_1-C_{24}alkyl which is interrupted by –O-,

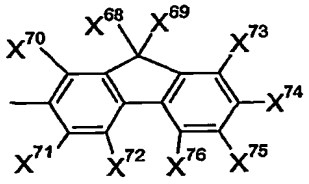
R^{30} and R^{31} are independently of each other C_1-C_{24}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{24}alkyl, and
R^{32} is C_1-C_{24}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{24}alkyl.

2. A 2H-benzotriazole compound according to claim 1, wherein at least one of the substituents A^{21}, A^{22}, A^{23}, A^{24}, A^{11}, A^{12}, A^{13}, A^{14}, A^{15}, A^{16}, A^{17} and A^{18}, especially A^{12}, A^{21} and/or A^{23}, are a group of formula  ,  ,  , wherein X^{41}, X^{42}, X^{43}, X^{44}, X^{45}, X^{46}, X^{47}, X^{48}, X^{49}, X^{50}, X^{51}, X^{52}, X^{53}, X^{54}, X^{55}, X^{56}, X^{57}, X^{58}, X^{59}, X^{60}, X^{61}, X^{62}, X^{63}, X^{64}, X^{65}, X^{66} and X^{67} are independently of each other H, fluorine, $-NR^{25}R^{26}$, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl, C_1-C_{24}alkyl, which is optionally substituted by E and/or interrupted by D, C_1-C_{24}alkenyl, which is optionally substituted by E, C_5-C_{12}cycloalkyl, which is optionally substituted by G, C_5-C_{12}cycloalkoxy, which is optionally substituted by G, C_6-C_{18}aryl, which is optionally substituted by G, C_1-C_{24}alkoxy, which is optionally substituted by E and/or interrupted by D, C_6-C_{18}aryloxy, which is optionally substituted by G, C_7-C_{18}arylalkoxy, which is optionally substituted by G, C_1-C_{24}alkylthio, which is optionally substituted by E and/or interrupted by D, C_2-C_{20}heteroaryl which is substituted by G, or C_6-C_{18}aralkyl, which is optionally substituted by G, or

X^{43}, X^{65} or X^{52} are a group of formula  ,  , or two groups X^{41}, X^{42}, X^{43}, X^{44}, X^{45}, X^{46}, X^{47}, X^{48}, X^{49}, X^{50}, X^{51}, X^{52}, X^{53}, X^{54}, X^{55}, X^{56}, X^{57}, X^{58}, X^{59}, X^{60}, X^{61}, X^{62}, X^{63}, X^{64}, X^{65}, X^{66} and X^{67}, which are neighbouring to each other, are a group  , or  , wherein A^{90}, A^{91}, A^{92}, A^{93}, A^{94}, A^{95}, A^{96} and A^{97} are independently of each other H, halogen, hydroxy, C_1-C_{24}alkyl, C_1-C_{24}alkyl which

is substituted by E and/or interrupted by D, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl which is substituted by G and/or interrupted by S-, -O-, or -NR^{25}-, C_5-C_{12}cycloalkoxy, C_5-C_{12}cycloalkoxy which is substituted by G, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by D, C_7-C_{25}aralkyl, C_7-C_{25}aralkyl, which is substituted by G, C_7-C_{25}aralkoxy, C_7-C_{25}aralkoxy which is substituted by E, or -CO-R^{28}, wherein R^{25}, R^{26} and R^{28}, D, E and G are as defined in claim 2 and preferably at least one of the substituents X^{41}, X^{42}, X^{43}, X^{44}, X^{45}, X^{46}, X^{47}, X^{48}, X^{49}, X^{50}, X^{51}, X^{52}, X^{53}, X^{54}, X^{55}, X^{56}, X^{57}, X^{58}, X^{59}, X^{60}, X^{61}, X^{62}, X^{63}, X^{64}, X^{65}, X^{66} and X^{67} is fluorine, -$NR^{25}R^{26}$, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl.

3. A 2H-benzotriazole compound according to claim 1, wherein at least one of the substituents A^{21}, A^{22}, A^{23}, A^{24}, A^{11}, A^{12}, A^{13}, A^{14}, A^{15}, A^{16}, A^{17} and A^{18}, especially A^{12} and/or A^{23} are a group of formula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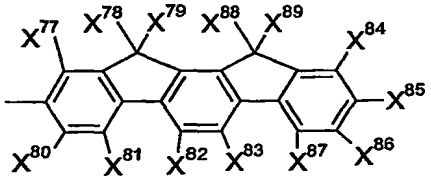
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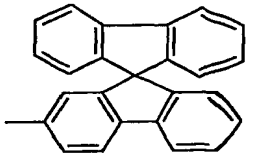
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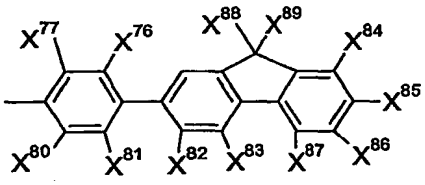
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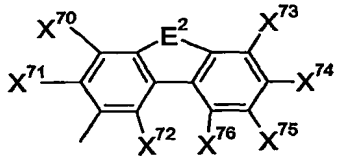
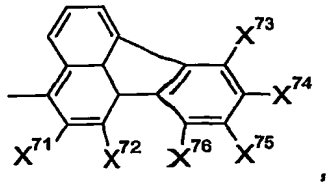
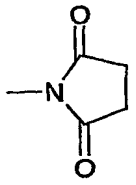

or

,

wherein

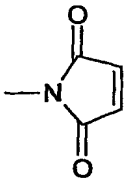
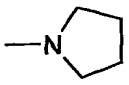
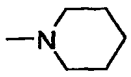
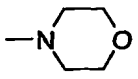
X^{68}, X^{69}, X^{78}, X^{79}, X^{88} and X^{89} are independently of each other C_1-C_{24}alkyl, especially C_1-C_{12}alkyl, which can be interrupted by one or two oxygen atoms,

X^{70}, X^{71}, X^{72}, X^{73}, X^{74}, X^{75}, X^{76}, X^{77}, X^{80}, X^{81}, X^{82}, X^{83}, X^{84}, X^{85}, X^{86} and X^{87} are independently of each other H, CN, C_1-C_{24}alkyl, C_6-C_{10}aryl, C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, -$NR^{25}R^{26}$, -$CONR^{25}R^{26}$, or -$COOR^{27}$, wherein

R^{25} and R^{26} are independently of each other H, C_6-C_{18}aryl, C_7-C_{18}aralkyl, or C_1-C_{24}alkyl, and R^{27} is C_1-C_{24}alkyl, or

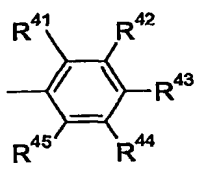
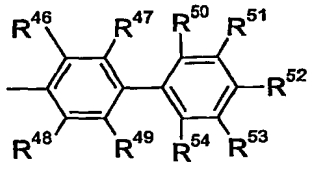


R^{25} and R^{26} together form a five or six membered ring, in particular ,


, 
, 
, or 
, and

E^2 is -S-, -O-, or -$NR^{25'}$-, wherein $R^{25'}$ is C_1-C_{24}alkyl, or C_6-C_{10}aryl.

4. A 2H-benzotriazole compound according to claim 1, wherein

Y^3 is a group of formula 
, 
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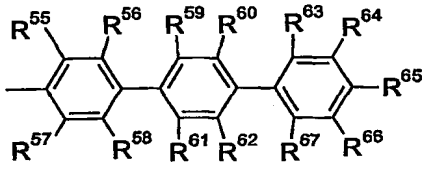
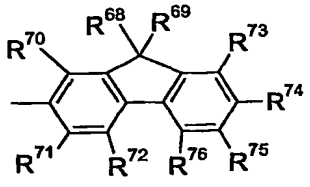
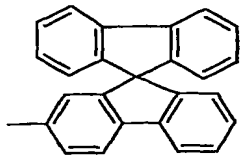

, 
, 
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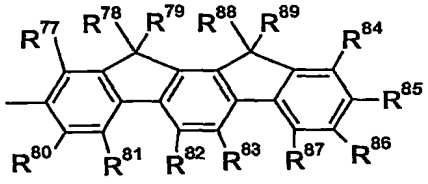
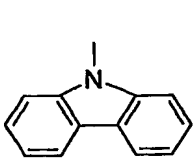
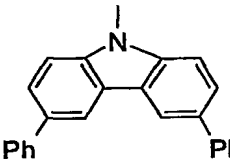
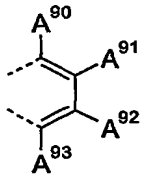
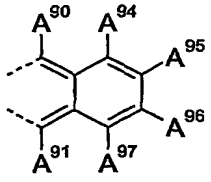
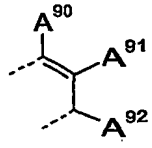

, wherein

R^{41}, R^{42}, R^{43}, R^{44}, R^{45}, R^{46}, R^{47}, R^{48}, R^{49}, R^{50}, R^{51}, R^{52}, R^{53}, R^{54}, R^{55}, R^{56}, R^{57}, R^{58}, R^{59}, R^{60}, R^{61}, R^{62}, R^{63}, R^{64}, R^{65}, R^{66}, R^{67}, R^{70}, R^{71}, R^{72}, R^{73}, R^{74}, R^{75}, R^{76}, R^{77}, R^{80}, R^{81}, R^{82}, R^{83}, R^{84}, R^{85}, R^{86}, and R^{87} are independently of each other H, fluorine, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, -$NR^{25}R^{26}$, C_1-C_{24}alkyl, which is optionally substituted by E and/or interrupted by D, C_1-C_{24}alkenyl, which is optionally substituted by E, C_5-C_{12}cycloalkyl, which is optionally substituted by G, C_5-C_{12}cycloalkoxy, which is optionally substituted by G, C_6-C_{18}aryl, which is optionally substituted by G, C_1-C_{24}alkoxy, which is optionally substituted by E and/or interrupted by D, C_6-C_{18}aryloxy, which is optionally substituted by G, C_7-C_{18}arylalkoxy, which is optionally substituted by G, C_1-C_{24}alkylthio, which is optionally substituted by E and/or interrupted by D, C_2-C_{20}heteroaryl which is substituted by G, or C_6-C_{18}aralkyl, which is optionally substituted by G, or

R^{43}, R^{65} or R^{52} are a group of formula  ,  , or two groups R^{41}, R^{42}, R^{43}, R^{44}, R^{45}, R^{46}, R^{47}, R^{48}, R^{49}, R^{50}, R^{51}, R^{52}, R^{53}, R^{54}, R^{55}, R^{56}, R^{57}, R^{58}, R^{59}, R^{60}, R^{61}, R^{62}, R^{63}, R^{64}, R^{65}, R^{66}, R^{67}, R^{70}, R^{71}, R^{72}, R^{73}, R^{74}, R^{75}, R^{76}, R^{77}, R^{80}, R^{81}, R^{82}, R^{83}, R^{84}, R^{85}, R^{86}, and R^{87}, which are neighbouring to each other, are a group  or  , wherein A^{90}, A^{91}, A^{92}, A^{93}, A^{94}, A^{95}, A^{96} and A^{97} are independently of each other H, halogen, especially fluorine, $-NR^{25}R^{26}$, hydroxy, C_1-C_{24}alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl which is substituted by G and/or interrupted by S-, -O-, or $-NR^{25}$-, C_5-C_{12}cycloalkoxy, C_5-C_{12}cycloalkoxy which is substituted by G, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by D, C_7-C_{25}aralkyl, C_7-C_{25}aralkyl, which is substituted by G, C_7-C_{25}aralkoxy, C_7-C_{25}aralkoxy which is substituted by G, or $-CO-R^{28}$,

R^{68}, R^{69}, R^{78}, R^{79}, R^{88} and R^{89} are independently of each other C_1-C_{18} alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl, or

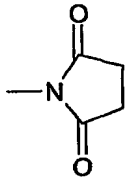
R^{68} and R^{69}, R^{78} and R^{79}, and/or R^{88} and R^{89} form a ring, especially a five- or six-membered ring, or

R^{68} and R^{70}, R^{69} and R^{73}, R^{77} and R^{78} and/or R^{84} and R^{89} are a group  ,

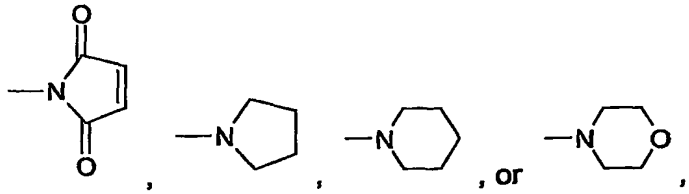
D is -CO-; -COO-; -S-; -SO-; $-SO_2$-; -O-; $-NR^{25}$-; $-SiR^{30}R^{31}$-; $-POR^{32}$-; $-CR^{23}=CR^{24}$-; or -C≡C-; and

E is $-OR^{29}$; $-SR^{29}$; $-NR^{25}R^{26}$; $-COR^{28}$; $-COOR^{27}$; $-CONR^{25}R^{26}$; -CN; $-OCOOR^{27}$; or halogen; G is E, or C_1-C_{24}alkyl; wherein

R^{23}, R^{24}, R^{25} and R^{26} are independently of each other H; C_6-C_{18}aryl; C_6-C_{18}aryl which is substituted by C_1-C_{24}alkyl, or C_1-C_{24}alkoxy; C_1-C_{24}alkyl; or C_1-C_{24}alkyl which is interrupted by –O-; or



R^{25} and R^{26} together form a five or six membered ring, in particular



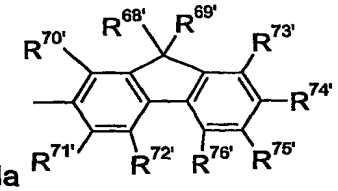
R^{27} and R^{28} are independently of each other H; C_6-C_{18}aryl; C_6-C_{18}aryl which is substituted by C_1-C_{24}alkyl, or C_1-C_{24}alkoxy; C_1-C_{24}alkyl; or C_1-C_{24}alkyl which is interrupted by –O-,

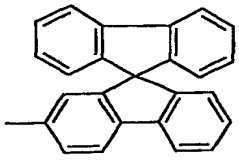
R^{29} is H; C_6-C_{18}aryl; C_6-C_{18}aryl, which is substituted by C_1-C_{24}alkyl, or C_1-C_{24}alkoxy; C_1-C_{24}alkyl; or C_1-C_{24}alkyl which is interrupted by –O-,

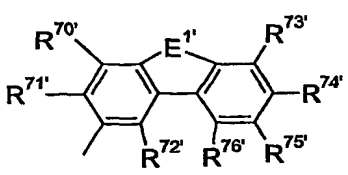
R^{30} and R^{31} are independently of each other C_1-C_{24}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{24}alkyl, and

R^{32} is C_1-C_{24}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{24}alkyl, or

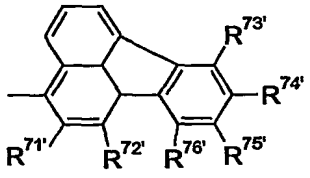
R^{43}, or R^{52} are a group of formula







or



, wherein

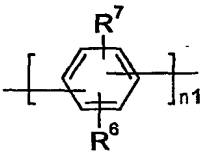
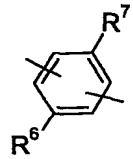
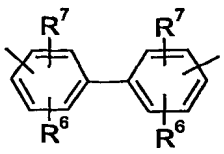
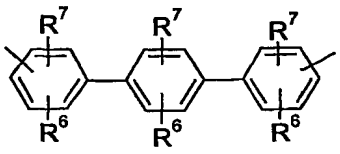
$R^{68'}$ and $R^{69'}$ are independently of each other C_1-C_{24}alkyl, especially C_1-C_{12}alkyl, which can be interrupted by one or two oxygen atoms,

$R^{70'}$, $R^{71'}$, $R^{72'}$, $R^{73'}$, $R^{74'}$, $R^{75'}$ and $R^{76'}$ are independently of each other H, CN, C_1-C_{24}alkyl, C_6-C_{10}aryl, C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, $-NR^{25'}R^{26'}$, $-CONR^{25'}R^{26'}$, or $-COOR^{27'}$,

$R^{25'}$ and $R^{26'}$ are independently of each other H, C_6-C_{18}aryl, C_7-C_{18}aralkyl, or C_1-C_{24}alkyl, and $R^{27'}$ is C_1-C_{24}alkyl; and

$E^{1'}$ is -S-, -O-, or $-NR^{25'}$-, wherein $R^{25'}$ is C_1-C_{24}alkyl, or C_6-C_{10}aryl.

5. A 2H-benzotriazole compound to claim 1, wherein Y^1 is a group of formula

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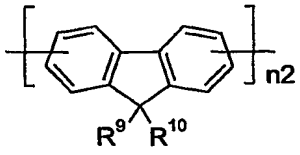
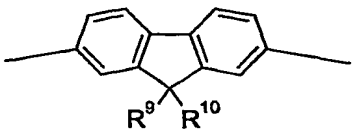

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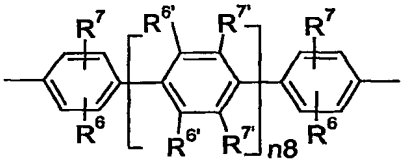
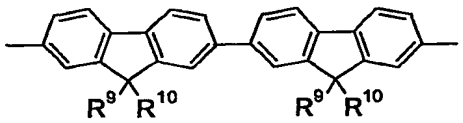

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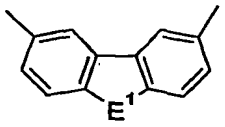
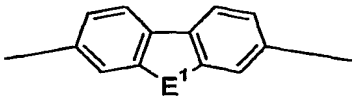
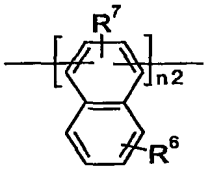

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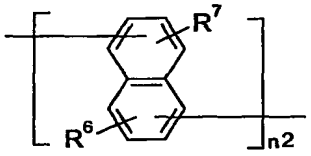
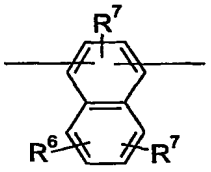
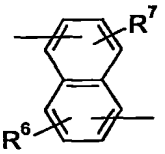

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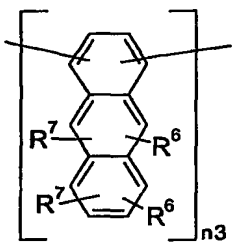
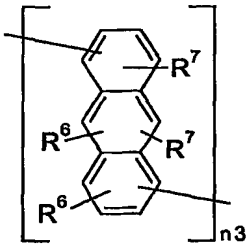
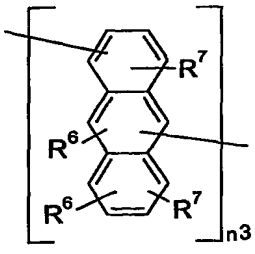
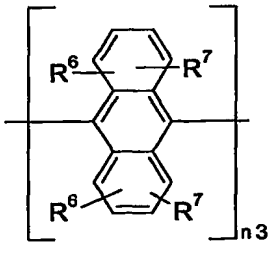

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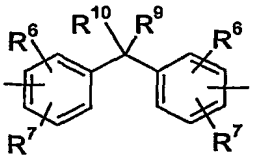
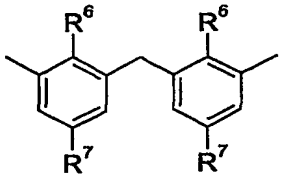
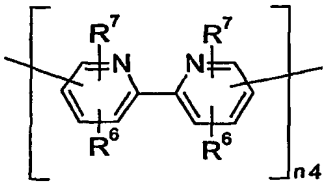

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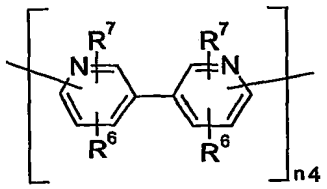
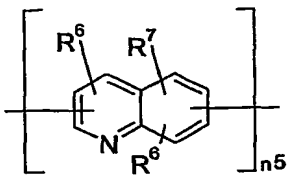
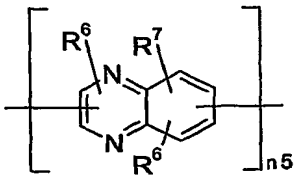
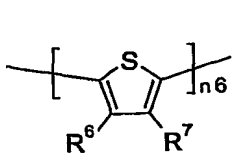
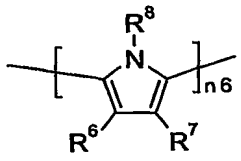
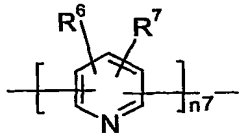
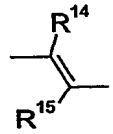
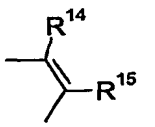
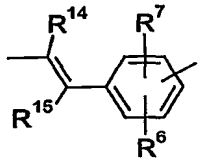
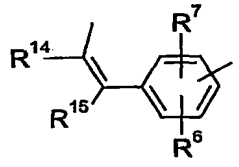
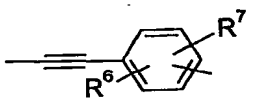









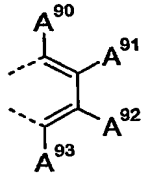




, wherein

n1, n2, n3, n4, n5, n6, n7 and n8 are 1, 2, or 3, in particular 1,

E^1 is -S-, -O-, or -$NR^{25'}$-, wherein $R^{25'}$ is C_1-C_{24}alkyl, or C_6-C_{10}aryl,

R^6 and R^7 are independently of each other H, halogen, especially fluorine, -$NR^{25}R^{26}$, hydroxy, C_1-C_{24}alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl which is substituted by G and/or interrupted by S-, -O-, or -NR^{25}-, C_5-C_{12}cycloalkoxy, C_5-C_{12}cycloalkoxy which is substituted by G, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by D, C_7-C_{25}aralkyl, C_7-C_{25}aralkyl, which is substituted by G, C_7-C_{25}aralkoxy, C_7-C_{25}aralkoxy which is substituted by G, or -CO-R^{28},

$R^{6'}$ and $R^{7'}$ have the meaning of R^6, or together form a group  , wherein A^{90}, A^{91}, A^{92}, and A^{93} are independently of each other H, halogen, hydroxy, C_1-C_{24}alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl which is substituted by G and/or interrupted by S-, -O-, or -NR^{25}-, C_5-C_{12}cycloalkoxy, C_5-C_{12}cycloalkoxy which is substituted by G, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by

D, C_7-C_{25}aralkyl, C_7-C_{25}aralkyl, which is substituted by G, C_7-C_{25}aralkoxy, C_7-C_{25}aralkoxy which is substituted by E, or -CO-R^{28},

R^8 is C_1-C_{24}alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24} aryl, or C_7-C_{25}aralkyl,

R^9 and R^{10} are independently of each other C_1-C_{24}alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by G, C_2-C_{24}alkenyl, C_2-C_{24}alkynyl, C_1-C_{24}alkoxy, C_1-C_{24}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl, or

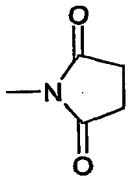
R^9 and R^{10} form a ring, especially a five- or six-membered ring,

R^{14} and R^{15} are independently of each other H, C_1-C_{24}alkyl, C_1-C_{24}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by G, C_2-C_{20}heteroaryl, or C_2-C_{20}heteroaryl which is substituted by G,

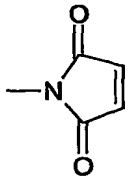
D is -CO-, -COO-, -S-, -SO-, -SO_2-, -O-, -NR^{25}-, -$SiR^{30}R^{31}$-, -POR^{32}-, -CR^{23}=CR^{24}-, or -C≡C-, G is E, or C_1-C_{24}alkyl, and

E is -OR^{29}, -SR^{29}, -$NR^{25}R^{26}$, -COR^{28}, -$COOR^{27}$, -$CONR^{25}R^{26}$, -CN, -$OCOOR^{27}$, or halogen, wherein

R^{23}, R^{24}, R^{25} and R^{26} are independently of each other H, C_6-C_{18}aryl, C_6-C_{18}aryl which is substituted by C_1-C_{24}alkyl, C_1-C_{24}alkoxy, C_1-C_{24}alkyl, or C_1-C_{24}alkyl which is interrupted by –O-, or



R^{25} and R^{26} together form a five or six membered ring, in particular



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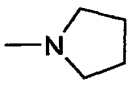

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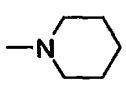

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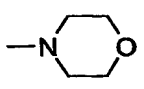

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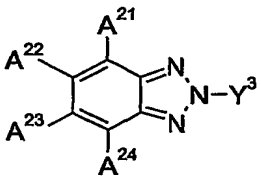
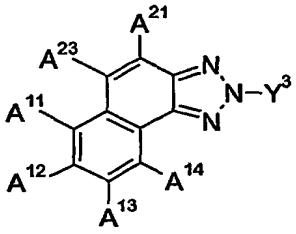
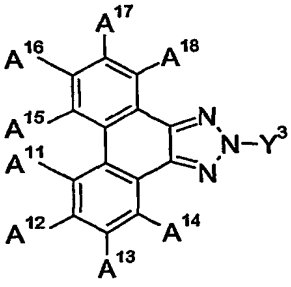
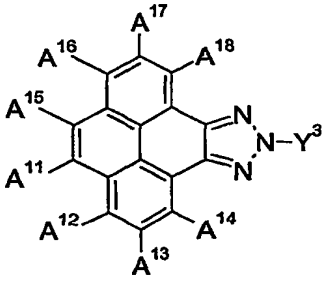
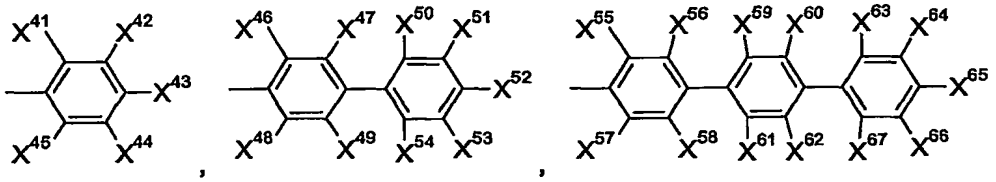
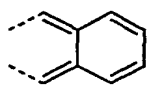
R^{27} and R^{28} are independently of each other H, C_6-C_{18}aryl, C_6-C_{18}aryl which is substituted by C_1-C_{24}alkyl, or C_1-C_{24}alkoxy, C_1-C_{24}alkyl, or C_1-C_{24}alkyl which is interrupted by –O-,

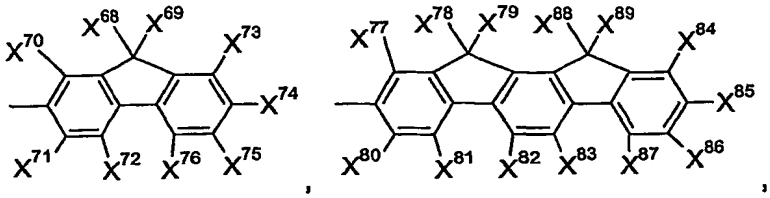
R^{29} is H, C_6-C_{18}aryl, C_6-C_{18}aryl, which is substituted by C_1-C_{24}alkyl, C_1-C_{24}alkoxy, C_1-C_{24}alkyl, or C_1-C_{24}alkyl which is interrupted by –O-,

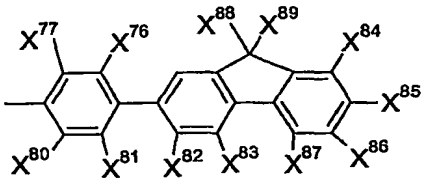
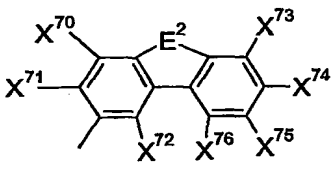
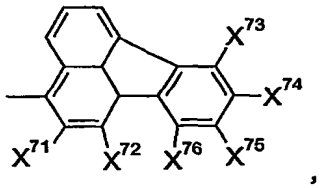
R^{30} and R^{31} are independently of each other C_1-C_{24}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{24}alkyl, and

R^{32} is C_1-C_{24}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{24}alkyl.

6. A 2H-benzotriazole compound to claim 1, wherein the 2H-benzotriazole compound is a compound of formula


(Ia),

(Ib),

(Ic), or

(Id), wherein A^{12} or A^{23} are a group of formula

, wherein X^{41}, X^{42}, X^{43}, X^{44}, X^{45}, X^{46}, X^{47}, X^{48}, X^{49}, X^{50}, X^{51}, X^{52}, X^{53}, X^{54}, X^{55}, X^{56}, X^{57}, X^{58}, X^{59}, X^{60}, X^{61}, X^{62}, X^{63}, X^{64}, X^{65}, X^{66} and X^{67} are independently of each other are independently of each other H, CN, fluorine, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_1-C_{24}haloalkyl, C_6-C_{10}aryl, which can optionally be substituted by one, or more C_1-C_8alkyl, or C_1-C_8alkoxy groups; C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, -$NR^{25}R^{26}$, -$CONR^{25}R^{26}$, or -$COOR^{27}$, or two groups X^{41}, X^{42}, X^{43}, X^{44}, X^{45}, X^{46}, X^{47}, X^{48}, X^{49}, X^{50}, X^{51}, X^{52}, X^{53}, X^{54}, X^{55}, X^{56}, X^{57}, X^{58}, X^{59}, X^{60}, X^{61}, X^{62}, X^{63}, X^{64}, X^{65}, X^{66} and X^{67}, which are neighbouring to each other, are a group  , or  , wherein preferably at least one of the substituents X^{41}, X^{42}, X^{43}, X^{44}, X^{45}, X^{46}, X^{47}, X^{48}, X^{49}, X^{50}, X^{51}, X^{52}, X^{53}, X^{54}, X^{55}, X^{56}, X^{57}, X^{58}, X^{59}, X^{60}, X^{61}, X^{62}, X^{63}, X^{64}, X^{65}, X^{66} and X^{67} is fluorine, -$NR^{25}R^{26}$, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl, or A^{12} and A^{23} are a group of formula



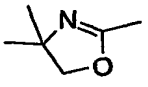
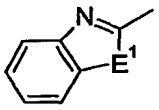


, or

,

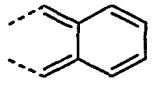
wherein

X^{68}, X^{69}, X^{78}, X^{79}, X^{88} and X^{89} are independently of each other C_1-C_{24}alkyl, especially C_1-C_{12}alkyl, which can be interrupted by one or two oxygen atoms,

X^{70}, X^{71}, X^{72}, X^{73}, X^{74}, X^{75}, X^{76}, X^{77}, X^{80}, X^{81}, X^{82}, X^{83}, X^{84}, X^{85}, X^{86} and X^{87} are independently of each other H, CN, C_1-C_{24}alkyl, C_6-C_{10}aryl, which can optionally be substituted by one, or more C_1-C_8alkyl, or C_1-C_8alkoxy groups; C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, $-NR^{25}R^{26}$, $-CONR^{25}R^{26}$, or $-COOR^{27}$,

E^2 is -S-, -O-, or $-NR^{25'}$-, wherein $R^{25'}$ is C_1-C_{24}alkyl, or C_6-C_{10}aryl,

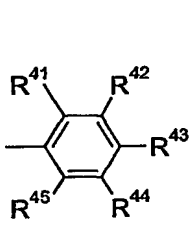
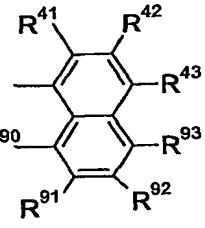
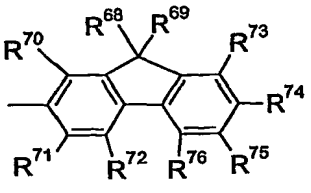
A^{21}, A^{22} and A^{24} are independently of each other hydrogen, halogen, especially fluorine, C_1-C_{24}alkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}haloalkyl, C_6-C_{18}aryl, which can optionally be substituted by one, or more C_1-C_8alkyl, or C_1-C_8alkoxy groups; $-NR^{25}R^{26}$, $-CONR^{25}R^{26}$, or $-COOR^{27}$, or C_2-C_{10}heteroaryl, especially a group of formula  or  , or

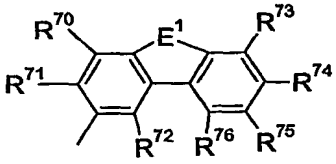
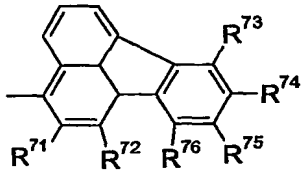
A^{22} and A^{23} or A^{11} and A^{23} are a group of formula  , or  ,

A^{11}, A^{13}, A^{14}, A^{15}, A^{16}, A^{17}, and A^{18} are independently of each other H, CN, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_1-C_{24}haloalkyl, C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, C_6-C_{18}aryl, $-NR^{25}R^{26}$, $-CONR^{25}R^{26}$, or $-COOR^{27}$, or C_2-C_{10}heteroaryl, wherein

R^{25} and R^{26} are independently of each other H, C_6-C_{18}aryl, C_7-C_{18}aralkyl, or C_1-C_{24}alkyl,

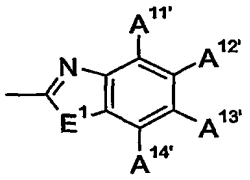
R^{27} is C_1-C_{24}alkyl, and

Y^3 is a group of formula  ,  ,  ,

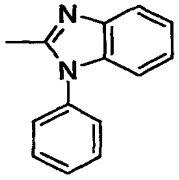
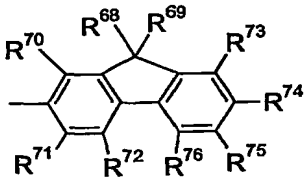
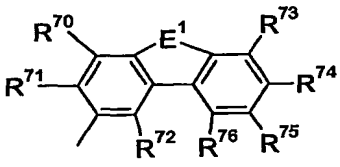
 or  , wherein

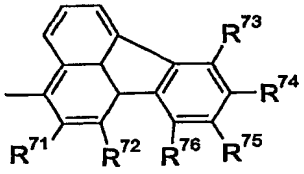
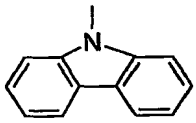
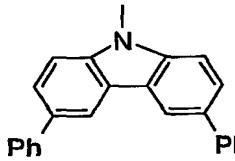
R^{41} is hydrogen, C_1-C_{24}alkoxy, or -OC_7-C_{18}aralkyl,

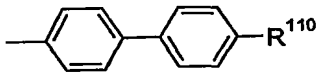
R^{42} is hydrogen, or C_1-C_{24}alkyl,



R^{43} is hydrogen, halogen, $-CONR^{25}R^{26}$, $-COOR^{27}$, ,

especially  ,  ,  ,

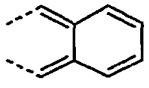
 ,  ,  , or

 , wherein

$A^{11'}$, $A^{12'}$, $A^{13'}$, and $A^{14'}$ are independently of each other H, CN, C_1-C_{24}alkyl, C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, $-NR^{25}R^{26}$, $-CONR^{25}R^{26}$, or $-COOR^{27}$,

E^1 is -S-, -O-, or $-NR^{25'}$-, wherein $R^{25'}$ is C_1-C_{24}alkyl, or C_6-C_{10}aryl,

R^{110} is H, CN, C_1-C_{24}alkyl, C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, $-NR^{25}R^{26}$, $-CONR^{25}R^{26}$, or $-COOR^{27}$, or

R^{42} and R^{43} are a group of formula  , or  ,

R^{44} is hydrogen, or C_1-C_{24}alkyl,

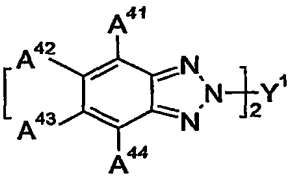
R^{45} is hydrogen, or C_1-C_{24}alkyl,

R^{68} and R^{69} are independently of each other C_1-C_{24}alkyl, especially C_1-C_{12}alkyl, which can be interrupted by one or two oxygen atoms,

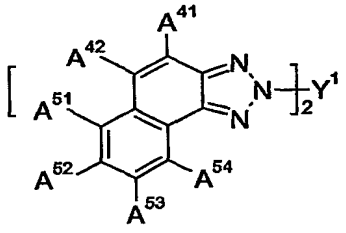
R^{70}, R^{71}, R^{72}, R^{73}, R^{74}, R^{75}, R^{76}, R^{90}, R^{91}, R^{92}, and R^{93} are independently of each other H, CN, C_1-C_{24}alkyl, C_6-C_{10}aryl, C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, $-NR^{25}R^{26}$, $-CONR^{25}R^{26}$, or $-COOR^{27}$,

R^{25} and R^{26} are independently of each other H, C_6-C_{18}aryl, C_7-C_{18}aralkyl, or C_1-C_{24}alkyl, and R^{27} is C_1-C_{24}alkyl.

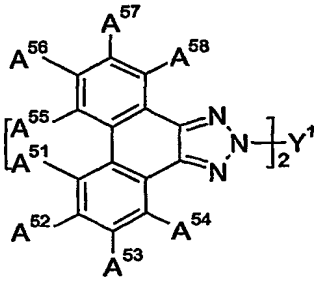
7. A 2H-benzotriazole compound according to claim 1, wherein the 2H-benzotriazole compound is a compound of formula



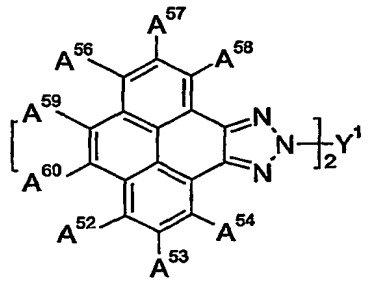
(IIa),



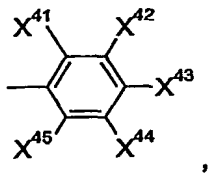
(IIb),



(IIc), or



(IId), wherein



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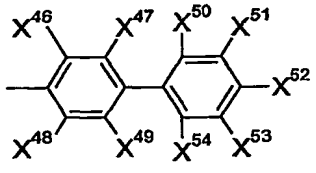
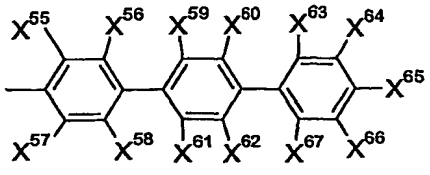
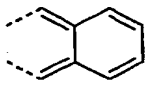


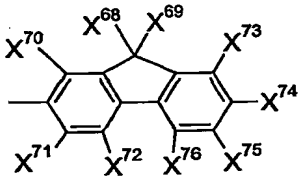
,

wherein A^{52} and A^{43} are a group of formula



, wherein X^{41}, X^{42}, X^{43}, X^{44}, X^{45}, X^{46}, X^{47}, X^{48}, X^{49}, X^{50}, X^{51}, X^{52}, X^{53}, X^{54}, X^{55}, X^{56}, X^{57}, X^{58}, X^{59}, X^{60}, X^{61}, X^{62}, X^{63}, X^{64}, X^{65}, X^{66} and X^{67} are independently of each other are independently of each other H, fluorine, CN, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl, C_6-C_{10}aryl, which can optionally be substituted by one, or more C_1-C_8alkyl, or C_1-C_8alkoxy groups;

C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, -$NR^{25}R^{26}$, -$CONR^{25}R^{26}$, or -$COOR^{27}$, or two groups X^{41}, X^{42}, X^{43}, X^{44}, X^{45}, X^{46}, X^{47}, X^{48}, X^{49}, X^{50}, X^{51}, X^{52}, X^{53}, X^{54}, X^{55}, X^{56}, X^{57}, X^{58}, X^{59}, X^{60}, X^{61}, X^{62}, X^{63}, X^{64}, X^{65}, X^{66} and X^{67}, which are neighbouring to each other, are a group  , or  , wherein preferably at least one of the substituents X^{41}, X^{42}, X^{43}, X^{44}, X^{45}, X^{46}, X^{47}, X^{48}, X^{49}, X^{50}, X^{51}, X^{52}, X^{53}, X^{54}, X^{55}, X^{56}, X^{57}, X^{58}, X^{59}, X^{60}, X^{61}, X^{62}, X^{63}, X^{64}, X^{65}, X^{66} and X^{67} is fluorine, -$NR^{25}R^{26}$, C_1-C_{24}alkyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, or C_1-C_{24}haloalkyl, or A^{43} or A^{52} are a group of formula



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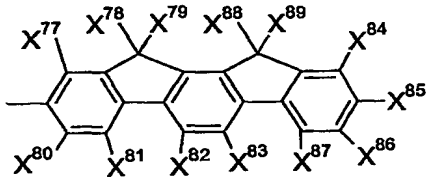

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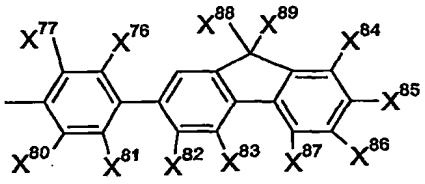

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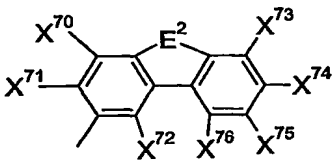
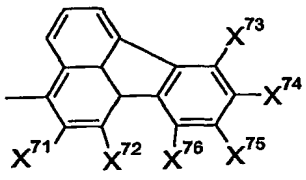


or


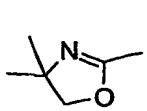
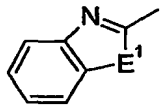
,

wherein

X^{68}, X^{69}, X^{78}, X^{79}, X^{88} and X^{89} are independently of each other C_1-C_{24}alkyl, especially C_1-C_{12}alkyl, which can be interrupted by one or two oxygen atoms,

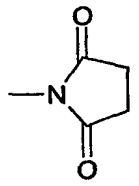
X^{70}, X^{71}, X^{72}, X^{73}, X^{74}, X^{75}, X^{76}, X^{77}, X^{80}, X^{81}, X^{82}, X^{83}, X^{84}, X^{85}, X^{86} and X^{87} are independently of each other H, CN, C_1-C_{24}alkyl, C_6-C_{10}aryl, C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, -$NR^{25}R^{26}$, -$CONR^{25}R^{26}$, or -$COOR^{27}$,

E^2 is -S-, -O-, or -$NR^{25'}$-,

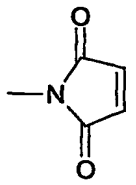
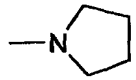
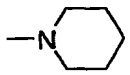
A^{41}, A^{42} and A^{44} are independently of each other hydrogen, halogen, C_1-C_{24}alkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}haloalkyl, C_6-C_{18}aryl, -$NR^{25}R^{26}$, -$CONR^{25}R^{26}$, or -$COOR^{27}$, or C_2-C_{10}heteroaryl, especially a group of formula  or  , or

A^{51}, A^{53}, A^{54}, A^{55}, A^{56}, A^{57}, A^{58}, A^{59} and A^{60} are independently of each other H, fluorine, CN, C_1-C_{24}alkyl, C_1-C_{24}alkoxy, C_1-C_{24}alkylthio, C_5-C_{12}cycloalkyl, C_7-C_{25}aralkyl, C_1-C_{24}perfluoroalkyl, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, C_1-C_{24}haloalkyl, C_6-C_{18}aryl, -$NR^{25}R^{26}$, -$CONR^{25}R^{26}$, or -$COOR^{27}$, or C_2-C_{10}heteroaryl, wherein E^1 is O, S, or -$NR^{25'}$-,

R^{25} and R^{26} are independently of each other H, C_6-C_{18}aryl, C_7-C_{18}aralkyl, or C_1-C_{24}alkyl,



or R^{25} and R^{26} together form a five or six membered ring, in particular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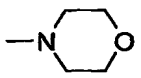
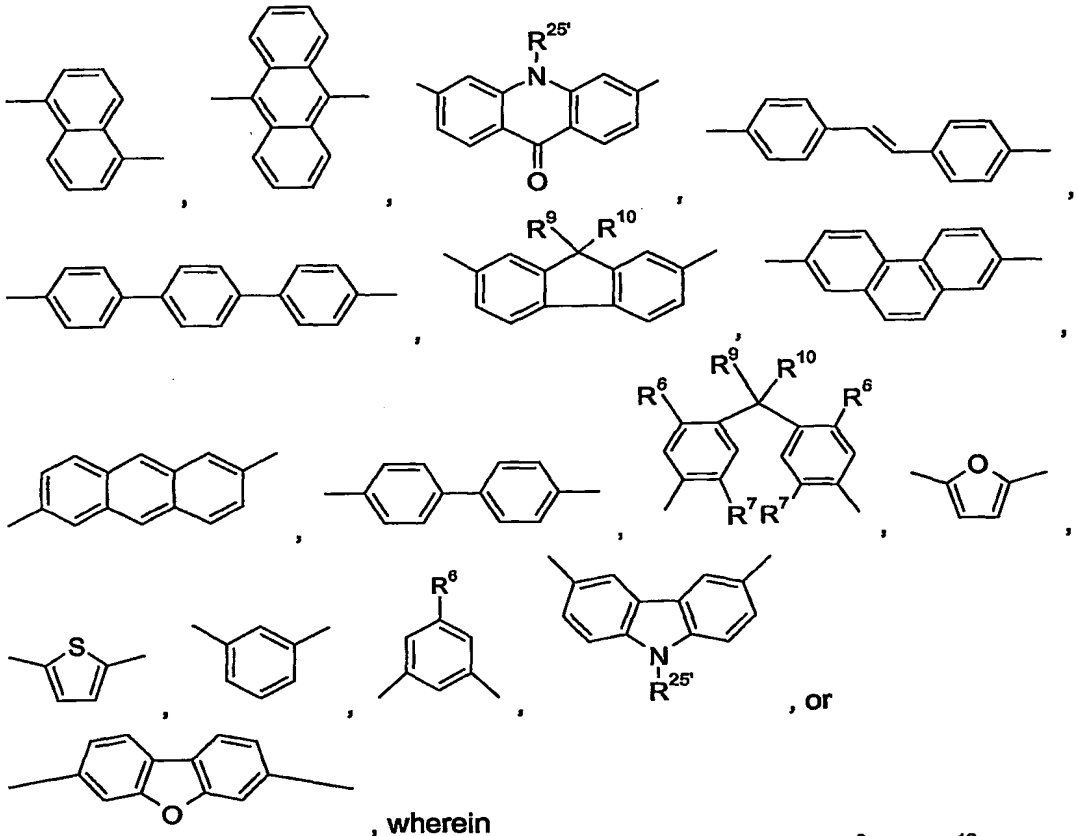


R^{27} is C_1-C_{24}alkyl, and

Y^1 is a group of formula

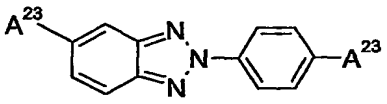


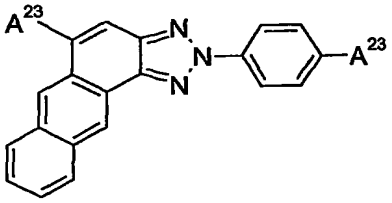
, wherein

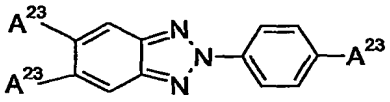
R^6 is C_1-C_{24}alkoxy, or -O-C_7-C_{25}aralkyl, R^7 is H, or C_1-C_{24}alkyl, R^9 and R^{10} are independently of each other C_1-C_{24}alkyl, especially C_4-C_{12}alkyl, which can be interrupted by one or two oxygen atoms, and

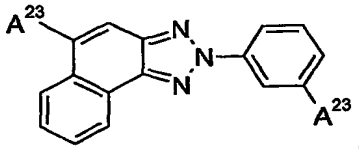
$R^{25'}$ is C_1-C_{24}alkyl, or C_6-C_{10}aryl.

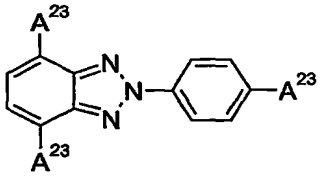
8. A 2H-benzotriazole compound according to claim 1, wherein the 2H-benzotriazole is a compound of formula

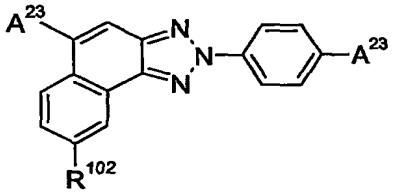

(IIIa),


(IIIb),

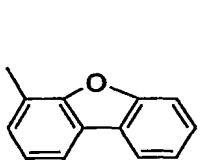

(IIId),


(IIIe), or


(IIIf), especially


(IIIc), wherein

R^{102} is C_1-C_{24}alkyl, especially C_1-C_{12}alkyl, in particular H, A^{23} is a group of formula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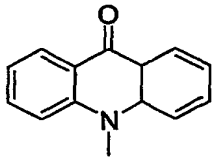
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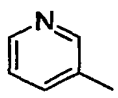
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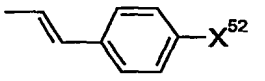
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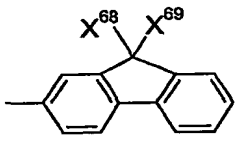
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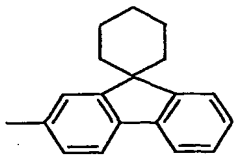
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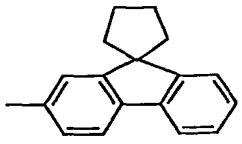
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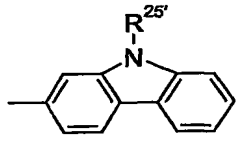
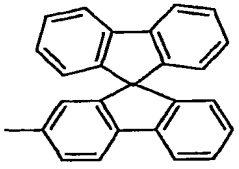
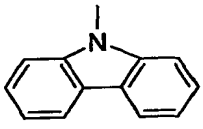

or


, or a group of formula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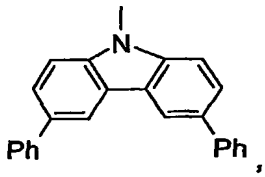
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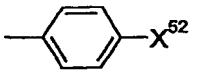
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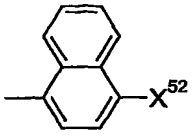
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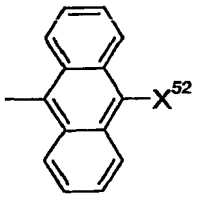
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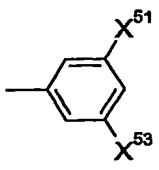
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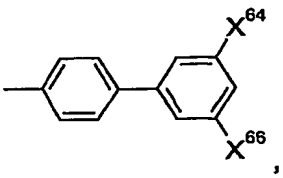
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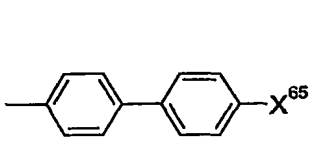
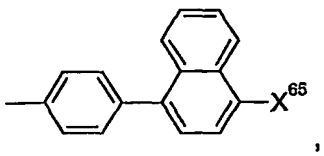
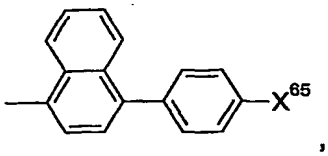
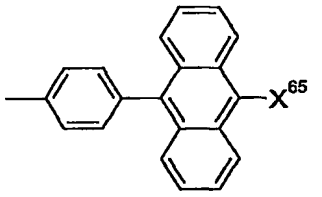
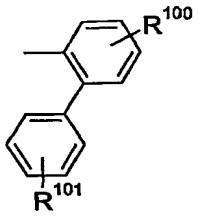
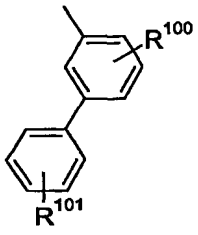
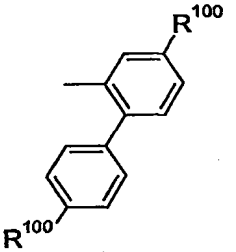
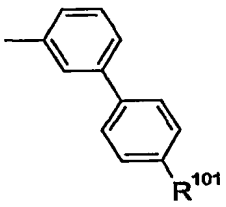
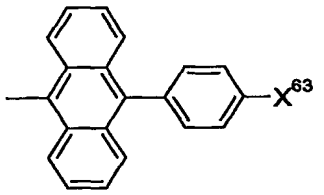
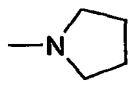
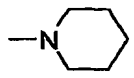
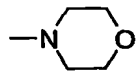
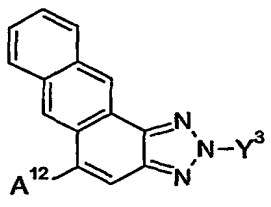
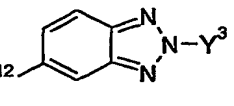
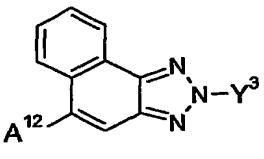
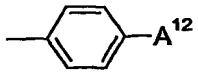
 ,  ,  ,
 ,  ,  , especially  ,
 or , wherein R^{100} and R^{101} are independently of each other H, C_1-

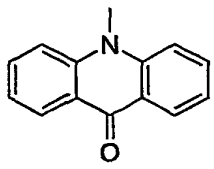
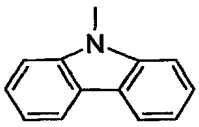
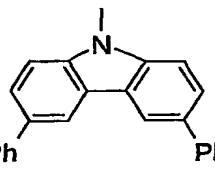
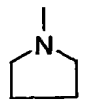
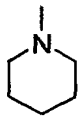
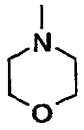
 ,

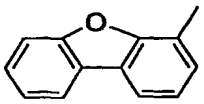
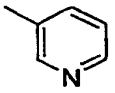
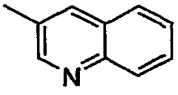
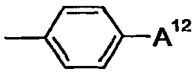
C_{24}alkyl, especially C_1-C_{12}alkyl, very especially tert-butyl, or wherein X^{51}, X^{52}, X^{53}, X^{63}, X^{64}, X^{65} and X^{66} are independently of each other fluorine, C_1-C_{24}alkyl, especially C_1-C_{12}alkyl, very especially tert-butyl, C_5-C_{12}cycloalkyl, especially cyclohexyl, which can optionally be substituted by one, or two C_1-C_8alkyl groups, or 1-adamantyl, C_1-C_{24}perfluoroalkyl, especially C_1-C_{12}perfluoroalkyl, such as CF_3, C_6-C_{14}perfluoroaryl, especially pentafluorophenyl, $NR^{25}R^{26}$, wherein R^{25} and R^{26} are C_6-C_{14}aryl, especially phenyl, which can be substituted by one, or two C_1-C_{24}alkyl groups, or R^{25} and R^{26} together form a five or six membered heterocyclic ring, especially

 ,  , or  , or a compound of formula

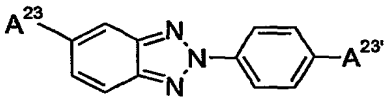
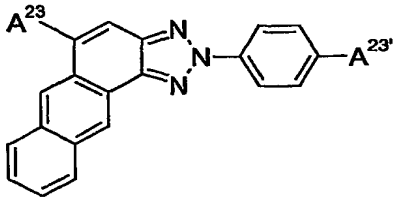
 (IVa), especially  (IVb), or 

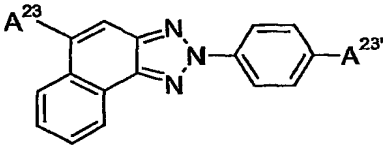
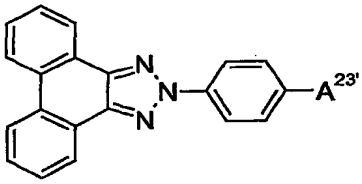
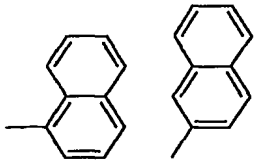
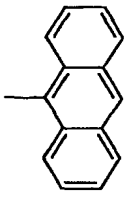
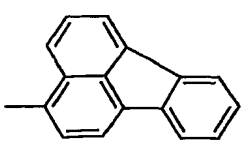
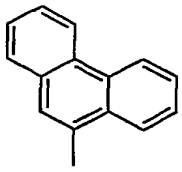
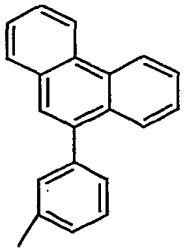
(IVc), wherein Y^3 is as defined above, or is  , and

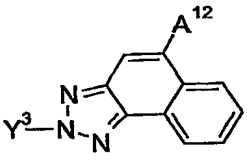
A^{12} is $NR^{25}R^{26}$,  ,  ,  ,  ,  , or  , wherein R^{25} and R^{26} are C_6-C_{14}aryl, especially phenyl, 1-naphthyl, 2-naphthyl, which can optionally be substituted by one, or two C_1-C_8alkyl groups, or C_1-C_8alkoxy groups, or

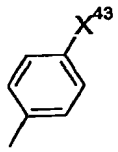
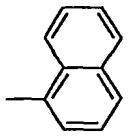
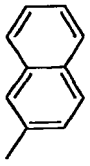
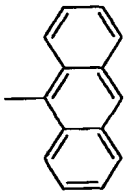
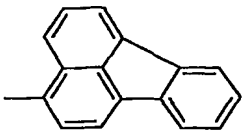
a compound of formula IVa, IVb, or IVc, wherein A^{12} is  ,  , or  , and Y^3 is is  , or

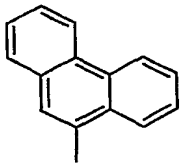
a compound of formula

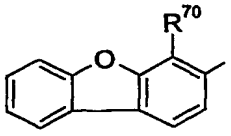
 (IIIa),  (IIIb),

 (IIIc), or  (IIId), wherein A^{23} and $A^{23'}$ are independently of each other a group of formula  ,  ,  ,  , or  , or

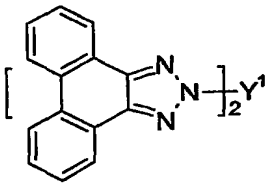
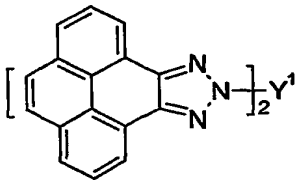
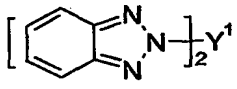
a compound of formula Ia, Ib, Ic, or Id, especially  , wherein A^{12} is H,

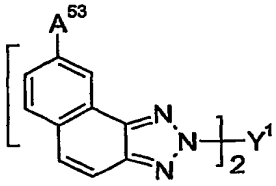
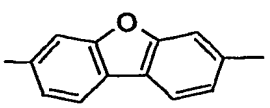
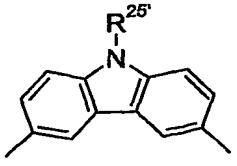
a group of formula  ,  ,  ,  , or  ,

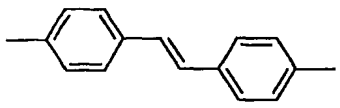
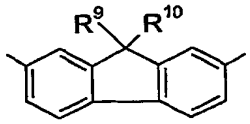
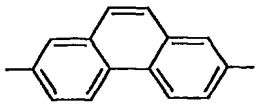
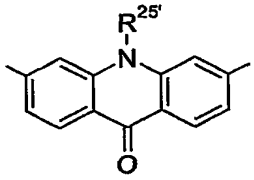
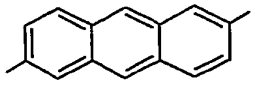
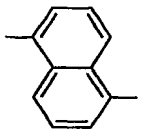
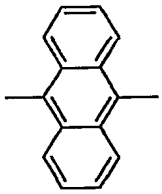
especially  , wherein X^{43} is C_1-C_{24}alkyl, especially C_1-C_{12}alkyl, Y^3 is a

group of formula  , wherein R^{70} is C_1-C_{24}alkyl, especially C_1-C_{24}alkoxy.

9. A 2H-benzotriazole compound according to claim 8, wherein the 2H-benzotriazole is a compound of formula

 (IIc),  (IId), especially  (IIa), very especially

 (IIb), wherein A^{53} is C_1-C_{24}alkyl, especially C_4-C_{12}alkyl, in particular H, Y^1 is a group of formula  , or  ,

especially  ,  ,  ,  ,  ,  ,  , or  , wherein R^9 and R^{10} are independently of each other C_1-C_{24}alkyl, especially C_4-C_{12}alkyl, which can be interrupted by one or two oxygen atoms, and $R^{25'}$ is C_1-C_{24}alkyl, especially C_4-C_{12}alkyl.

10. An electroluminescent device, comprising a 2H-benzotriazole compound according to any of claims 1 to 9.

11. The electroluminescent device according to claim 10, wherein the electroluminescent device comprises in this order
(a) an anode
(b) a hole injecting layer and/or a hole transporting layer
(c) a light-emitting layer
(d) optionally an electron transporting layer and
(e) a cathode.

12. The electroluminescent device according to claim 11, wherein the 2H-benzotriazole compound forms the light-emitting layer.

13. Use of the 2H-benzotriazole compounds according to any of claims 1 to 9 for electrophotographic photoreceptors, photoelectric converters, solar cells, image sensors, dye lasers and electroluminescent devices.